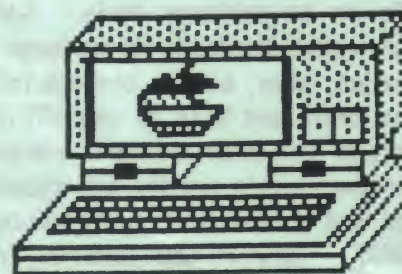# South Jersey Apple Users Group

June 1989

# Candy Apple

## Main Meeting-June 16, 1989
## News Flash!-We've Moved!

Check the Map on the Back Cover to the

Voorhees Community Center

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June Topic:  The Macintosh SE-30
Presenter:  Dave Taylor, Computer Workshop

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## OFFICERS OF SJAUG

| | | |
|---|---|---|
| President | Gus Banks | 267-3809 |
| Vice President | Mike Wogan | 854-6445 |
| Treasurer | Carol DeCuzzi | 428-0621 |
| Secretary | Pete DeCuzzi | 428-0621 |
| Publicity Chairman | Rowena Billos | 235-1560 |
| Membership Chairman | Pete DeCuzzi | 428-0621 |
| Book Librarian | Mike Wogan | 854-6445 |
| Disk Librarians | Steve Opfermann | 629-0236 |
| | P. Mark Wannop | 365-1776 |
| Disk of the Month | | |
| Librarian | Phil DeVicci | 663-7816 |
| Classic Apple SIG | Mike Wogan | 854-6445 |
| IIGS SIG | Bob Bobik | 778-2105 |
| Beginners' MacSIG | Ed Gaugler | 424-5547 |
| Candy Apple Editor | Wanda Bullion | 767-4913 |
| Asst. C.A. Editor | Jack Bullion | 767-4913 |

SJAUG APPLELINE, the SJAUG BBS          424-1382
*************************************

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### TELEPHONE TUTORS

**APPLEWORKS**

| | |
|---|---|
| Bev Darkatsh (daytime M-F) | 365-5821 |

**PROGRAMMING**

| | |
|---|---|
| Ethel Graham | 662-0870 |
| Ryan MacMichael (Basic) (4-8 pm) | 654-5547 |

**TECHNICAL HELP**

| | |
|---|---|
| Ed Gaugler | 424-5547 |

Anyone willing to volunteer help in their particular area of expertise, please contact the editor.

I have three announcements to make this month. The first should be obvious as you read this. We now have a new editor for the Candy Apple. Wanda Bullion has volunteered to serve as editor and all the club members owe her a vote of thanks, for coming forward. If you have any articles you are interested in sharing with your other club members get them to Wanda. The preferred method is in an AppleWorks file or by E-Mail through the bulletin board.

The club's meeting location has been changed to the Voorhees Community Center. See the new map. The club officers tried to work things out with the Cherry Hill administration but without success. We were able to find a new location in Voorhees. The building is very similar to the one we are leaving and is newer and cleaner. I believe the new location will be easier to reach.

The third announcement is that Bev Darkatsch has started a new AppleWorks SIG. If you're an interested AppleWorks user get in touch with her. This Sig should be a very popular one.

Last month's program was about the Zip Chip. This chip, which works in most of the Classic Apples, greatly increases the memory operations. Steve Opfermann made an excellent presentation on the Zip Chip. Mike Perloff gave a very interesting review of his attendance at AppleFest.

This month's program will be a discussion of the new Macintosh SE-30. Dave Taylor from Computer Workshop will be making the presentation. And we have some special Mac giveaways for this meeting.

See you at the meeting.

-Gus Banks

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### NEW CLUB DISK PRICES

| Member Prices: | 5 1/4 | 3.5 |
|---|---|---|
| Disk of the Month | $3 | $4 |
| Apple License Disk | $3 | $4 |
| Library Disk | $4 | $5 |
| Non-Member: All Disks | $7 | $7 |

Each member will be required to show his membership card prior to purchase. Individuals unable to verify membership will be charged the Non-member price.

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## NEW CANDY APPLE EDITOR

As you can see, your Candy Apple has a new editor. I could not sit back and watch it die so I volunteered. For those of you who might be a little curious, here is a little data on your new editor.

My name is Wanda Bullion. I have worked for the Camden City Public Schools since 1966, as an elementary classroom teacher until 1985, and since then as the educational media specialist/librarian at Davis School. I have worked with an Apple IIe in my school library since 1987, and I now use an Apple IIGS at home. I realize that I have much less experience and expertise than most of you, but I will do my best. It will take a few issues and a lot of help from SJAUG members before Candy Apple regains the high standards you have come to expect. **ANY** suggestions for improvement would be most welcome. This is **YOUR** newsletter. I need to know what you would like to have included each month. You can message me on the BBS, I'm #119, or you can call me at home after 6:00 p.m. - 767-4913. I look forward to hearing from you.     Wanda

## SOFTWARE REVIEW

The Super Sign Maker
Sunburst Communications
Price: $75.00/ Apple II Family - 128K Required

**The Super Sign Maker** is a powerful tool for creating decorative banners, signs and flyers. The program features 3 fonts and a variety of letter heights from 1/2 inch to 8 inches. Letters can be filled in with a number of different patterns and typestyles. Depending on your printer, you have a choice of single, double or triple striking, enabling you to produce a professional looking sign or banner. Of course, the darker the print, the longer it takes to print your design.

A library disk is included and the program also accepts Print Shop graphics which may be used as pictures or borders. The size of the graphics is determined by the size of the line on which they are placed. Printing may be done in color using an Imagewriter II. One of the nice color features is that every letter in a word or line can be a different color.

A backup disk, teacher's guide and a library disk are provided with the program disk. A second library disk containing two fonts, 10 patterned borders and over 30 pictures is supposed to be available shortly. Overall, the program is a worthwhile investment. It's easy to work with and the results are very professional creations.

by Gloria McCoy

## MAC LIBRARY REPORT

Macintosh users may now purchase public domain/shareware and System upgrades from the club. I am developing a collection of disks culled from various sources, and so far 9 disks, plus the Apple System and Hypercard updates are available. Prices are the same as for 3.5"IIgs disks: members, $5; Apple upgrades, $4. Non-members, $7 per disk. If you provide your own FORMATTED disk, copy fee is $2 per disk. Since I'm compiling disks by categories, so far the Mac library is pretty unbalanced, but in a few months, I hope to have covered the major areas. I've gone through lots and lots of shareware and public domain, and kept things that I felt are good enough for my own collection and weeded out a lot of chaff. In most cases, these work on a Mac II, and most are relatively new. Many old favorites, like miniWRITER, are the very latest. Where can you get these disks? Come to Ed Gaugler's Mac SIG the Thursday following the Main Meeting or call me to arrange something (234-2944). So here's what's available right now:

**DAs 1**: includes, among others,  Talking Moose, miniWRITER, Biplane (a spreadsheet), Timer, Camera.
**DAs 2**: includes, among others, a scientific calculator, MacSink, MockPackage (includes MockCubiks Cube, RoloDA.
**DAs 3**: includes, among others, Abacus, Easy Envelopes+, NotePad II, Stars, MS Word>TeMac II-1: Cricket Graph patch, color paint files, System CICNs, Flex screen saver.
**Mac II-2**: Cache Off, Desk Pict, Dragon Startup Screen, Giffer, Kolor.
**Mac II-3**: CICN edit, Globes, Pixel Paint viewer, Switch-A-Roo.
**Mac II-4**: Color Fonts, GrayView, Klutz, Works Mac II patch.
**Graphics 1**: Calendar Maker 2.2.1, Designer Draw, Earth Idle, GunShy, Star Chart 2.0, Icon-it Wingz demo: Two disks. Can do everything except save and print.
**System 6.02**; (System 6.03 for SE/30 only): 4 disks.
**HyperCard 1.2.2**: 2 disks.
I have a detailed listing of what exactly is on these disks. Get them at the main meeting or the Mac SIG.

-Terry Wilson

# IN TONGUES

by W M Carey

As some of you know, I am the System Engineer on a group of 16 (soon to be 20) MacIntosh computers at GE. As a result of that involvement, I was invited to become an Apple Support Coordinator.

The role of a Support Coordinator is to serve as liaison between Apple and the general user Public. To this end, he is put on several mailing lists and given access to an Apple-maintained bulletin board system, where he can contact Apple personnel with any questions that may arise.

The only cost to becoming an Apple Support Coordinator is that you must spend one one full day in a class conducted by Apple.

I had that pleasure a few weeks ago. I spent all one Monday morning in the Apple offices on Route 73 in Marlton, together with a half dozen others who are in a position comparable to mine with other companies.

In one sense, the timing was unfortunate, because over that week-end the Apple offices had been broken into and forty MacIntoshes stolen. However, the Apple staff managed to scrounge up enough Macs to conduct the course anyway, so all was not lost.

The course consisted of a series of lectures and demos concerning the current and future capabilities of the MacIntosh computer. (NOTE: no Apple II was in evidence, nor were they ever mentioned!)

I can't describe here all the capabilites that were presented, but I will present those that made the most impression on me.

First of all, Apple is offering two new monitors. One is a "portrait mode" monitor, meaning that it is longer from top to bottom than it is from side to side. And it is capable of presenting a full page (60 lines) of text. At present it is available only in monochrome, but in the future, who knows.

Similarly, an oversize landscape monitor is also available, which can present TWO full pages of text. As a programmer, I yearn for one of these. It would make programming so much easier!

All of the latest Mac's were on exhibit, including the 2X, the 2CX and the SE30 (of which I am now the proud owner of one). The 2C was used to demonstrate that IBM personal computer programs can be run on the Mac by using a translator called SoftPC. They ran Lotus 1-2-3, and it actually executed faster than it would on an IBM XT!

And I heard about, although I did not see, a software product called Virtual, which supposedly expands the RAM memory of a Mac by using unused disk space to simulate additional RAM. Since I didn't see it, I can't comment on its utility.

Also demonstrated was a very impressive scanner system. Pictures can be scanned into Mac memory for processing or for editing, but that's only the beginning. Text scanned, and interpreted into ASCII, whether or not the computer has any knowledge of the font being used. A software package is available which will perform a statistical analysis on the font and teach it to the Mac. This one absolutely blew my mind.

By now I guess it isn't necessary to mention that the scanner and its associated software can scan a page containing a mixture of graphics and text, and separate the two, regardless of how they are interspersed.

And finally, of great interest to me, although perhaps of lesser interest to others, was the discussion and demonstration of Mac to Vax interconnects. Interconnecting the two machines involves a lot more than stringing wires between the two. And just what it involves depends on why you wish to interconnect them.

Consider the following possible reasons:

1. It is required to transfer ASCII files between the two systems.
2. It is desired that the Vax act as a file server for the Mac. That is, the Vax should store the Mac user files on its own disk system, for archiving and later retrieval.
3. The Vax should store Mac programs on its own disk system to be run by the Mac at a later time.
4. The Vax and the Mac should be able to execute each other's programs.

Not only does the above list present several technical problems, but a host of legal questions are immediately raised. Consider point three for instance. Could I legally buy one copy of a Mac program, store it on the Vax disk, and then let any of my twenty Macs call it up and use it? Suppose I guaranteed that only one Mac would run it at any instant, does that change my liability? The legal problems were not addressed by the Coordinator's Course.

The technical problems for points 1 and 3 above have been solved and the required hardware and software is available.

Point number four is being addressed piecemeal. Software is available to convert among a wide variety of word processing formats. Similarly, software is available to convert among a wide variety of data base formats. So far, no software is available for doing a comparable job on spreadsheets.

# JUNE DISKS-OF-THE-MONTH

Mark Wonnop, co-librarian

There are several disks-of-the-month this month. The Appleworks disks of the month (two double sided ones) will be covered elsewhere by Mike Wogan. There will be in addition a "Regular" DOM, a "Print Shop" DOM, and a re-run from the past.

## "REGULAR" DISK-OF-THE-MONTH

The "Regular" Disk-of- the-month will be a multi-part arcade/adventure game called "South Pacific Quest." Written by Peter Ward (who has commercial programs released) back in 1985. This has recently been released for distribution. It requires 64K, a disk drive (obviously), and a joystick.

The documentation was written by a BBS sysop who calls himself "The Watcher" and despite an occasional "awesome", it is informative and readable. Basically, to win the game you have to survive 16 Hi-Res arcade action screens. However, the game adds variety in that this breaks down to four separate scenarios of four screens each.

When I first booted the game up, I was a tad puzzled when I got to the island's map; it showed the north, east, south, and west camps (the four game scenarios), but I couldn't figure out how to get to them. Nothing on the keyboard responded... Then I noticed a tiny dot moved in response to the joystick; by going in the appropriate direction, you select which area you want to "conquer" first. (Of course, I would have known that it I'd read the docs...)

Your mission is to conquer the last stronghold of the evil Futz empire by capturing Lord Futz. As stated, this means surviving 16 arcade screens. You will have a number of weapons to use; which ones depend on where you are in the game. Usually, you have a pistol; under certain circumstances, you might have use of an axe, a machine gun, an armored suit, grenades, dynamite sticks, and missiles with launcher. Friendly little game....

The game is in DOS 3.3, so I couldn't stick DOGPAW on it; you'll have to print out the docs with a DOS 3.3 word processor or text utility, or make a copy of the docs on a ProDOS disk with CopyII+ and use Appleworks. In any case, READ THE DOCS!!!

## "PRINT SHOP" DISK-OF-THE-MONTH

Yes, it's another disk of GRAPHICS (how'd ya guess?) for the second-most popular Apple program... (And there's gonna be one every month...) Among other things, there's Big Bird, Bert, Ernie, Oscar (the Grouch), a NICE eagle's face, a well-done tiger,

Mickey, and Minnie. (Whattaya mean, "Mickey and Minnie WHO?"???) There's 103 graphics on this disk.

## DISK-OF-THE-MONTH RERUN

This is a tad unusual, but we kinda goofed the first time... We recently got a hold of a copy of the public domain version of "Mystery House" - again. We had this awhile back; it was Sierra-On-line's HI RES ADVENTURE #1, which they decided to place in public domain. It is a mystery "text" adventure game, with illustrations. Deciphering that a tad, it is a game that is played by inputting a verb and a noun ("OPEN DOOR") to further the action; many of these were text-only, like the Infocom games, and this was the first to add pictures.

So why a re-run? Well, the first time we had it we sold out - including the copy we meant to add to the library! Which means we couldn't make any more! Not only that, some copies turned out bad, and we couldn't replace them... So we got a new copy from BRCC (thanks to Mike Perloff, who went to the Boston Applefest with our shopping list) and we're offering it again as a DOM. If you received a defective copy last time PLEASE LET US KNOW so we can replace it!

**BRING YOUR MEMBERSHIP CARD!!!** Members' price for DOM's is $3.00 each - next month they'll be the regular library price of $4.00.... The Appleworks disks this month will be $3.00 each or $5.00 for the set of two. If you're not a member, it's $7.00 per...

# DISKS OF THE MONTH

The AppleWorks disk for June is actually two double-sided disks (4 sides in all). All but one of the files are spreadsheet files having to do with household or small business finances. There are files to keep track of a checkbook, several files to calculate loan amortization schedules, and files to keep track of stocks/bonds. Two files allow you to summarize "net worth." Several files allow calculations toward a projected goal: retirement income, protection from inflation, savings for college, etc. Two files accumulate a record of business (e.g., travel) expenses and one calculates a balance sheet for a small business. Some answer "what if" questions. For example, if you make a one-time extra payment on a loan, or increase your regular loan payment by a certain amount; if your adjustable rate mortgage follows an optimistic or pessimistic scenario, etc.

Since there are two disks, you can buy either one singly for $3, or both for $5. There will be a sheet describing all the files on both disks available at the meeting, if you want more information about what's on the disks.

Mike Wogan

# MINI-BITS
Wanda Bullion, Editor

**Mini-Bits** is a column which I hope to make a regular feature. It will contain various "bits" of miscellaneous information gathered from many different sources. Hopefully, you will find some of it of interest. If you have "bits" of your own to contribute, send them to me via the BBS (#119) or at home (after 6 p.m. - 767-4913).

This month's "mini-bits" come from the **Apple Library Users Group Newsletter**, Vol. 7, No. 2, April 1989, and are reprinted with permission.

**APPLE MACINTOSH PORTRAIT DISPLAY**. Apple has introduced the Apple Macintosh Portrait Display which is a 15-inch (diagonal) high-resolution monochrome monitor which displays one full page of text and graphics, including menus and scroll bars. It offers 640 by 870 pixel resolution at 80 dots-per-inch, a 75 Hz screen refresh rate and analog 1-,2-, or 4-bit pixel depth which permits four shades of gray to be displayed simultaneously at 2-pixel depth. Further information from an Apple dealer. (Ed. note - see "In Tongues" elsewhere in this issue.)

**BOOK ON MAC FONTS NOW AVAILABLE**. Peachpit Press has announced The Macintosh Font Book. This comprehensive guide introduces beginners to the fundamentals of Mac-based typography and also features a variety of technical tips and product information aimed at experienced and advanced Macintosh users. The Macintosh Font Book has a suggested retail price of $21.95....To order contact Peachpit Press, 1085 Keith Avenue, Berkeley, CA, 94708, 415/526-8555.

**GRAPHICS FOR BLIND PEOPLE**. Raised Dot Computing has introduced pixCELLS software which combined with an Apple II computer and a computer-driven braille embosser, produces "brailler graphics." pixCELLS creates one brailler dot for every lit pixel on an Apple screen. pixCELLS is the first brailler graphics software that includes drawing tools. For more information, contact Raised Dot Computing at 408 South Baldwin, Madison, WI 53703, 608/257/9595.

**ONLINE SOFTWARE AND VIDEO EVALUATIONS** Ann Lathrop and Curtis May of the San Mateo County Office of Education (California) have announced that their online database of software and video evaluations is now up and running. This is a pilot project funded by the CSDE Office of Educational Technology as part of the 1988-89 scope of work of the Software Clearinghouse....The number to call to access this online database is 800/227-2825 or 415/363-5468. ...California Software Clearinghouse, San Mateo Office of Education, Media Services, 333 Main St., Redwood City, CA 94063. 408/761-8661.

**EDUCATIONAL SOFTWARE CATALOG** Mindscape has announced their new educational software catalog which cross-references titles by computer format and by uses such as adult literacy, special education, students-at-risk and gifted and talented. To obtain a copy of this free catalog, either in hard copy or as an Appleworks data disk, write to Mindscape at 3444 Dundee Road, Northbrook, IL 60062, 312/480-7667.



CHEERS FOR THE SJAUG TEAM AT THE BULLION INSTITUTE OF THE COMPUTER SCIENCES.

KICK 'EM IN THE ROM CHIPS! KICK 'EM IN THE RAM! BEND THEIR FLOPPIES AND MAKE THEM JAM! DO IT IN BASIC! DO IT IN DOS! KICK 'EM WHERE IT HURTS AND THROW 'EM FOR A LOSS!

BICS

HARD DISK! FLOPPY DISK! SIXTY-FOUR K! RAM! ROM! PASCAL! HEY, HEY, HEY!

ON LINE! OFF LINE! RGB! DOWN LOAD! UPLOAD! PRESS ANY KEY!

# TECH TYPE
## by Jack Bullion

The following idea was presented in the May issue of A+ magazine by Owen W. Linzmayer and Tim McGraw.

There is a way to literally make your own hard drive system for your Apple II computer. The hardware part is relatively easy, but I don't recommend it for the faint of heart. It is all based on using the Apple II SCSI card as your interface and using a SCSI compatible hard drive. It is best to use the Apple card, since many of the third party SCSI cards have a proprietary mode of operation and can cause problems in compatibility with your computer. Make sure the card has revision C EPROMs and the Apple II SCSI Card Utilities software.

Next is to decide on what hard drive to use. If you like to browse through the various mail-order ads like I do, you can find the same drive advertised for twenty different prices at twenty different places.

I find it best to find the best price at a dealer you recognize or have dealt with and had good results with them. Sometimes, you can call and find there is a sale going on, and get an even better price than advertised. Whatever you do, don't just go for the lowest price, but rather the most comfortable deal and dealer. I personally prefer the Seagate line of drives. They are a major manufacturer and have advertised some very good MTBFs on their hardware. That's Mean Time Before Failure, or a relative measure of how long it will run in a trouble-free mode, on average. When the manufacturer says they have MTBFs of 30,000 hours, you can rest assured the drive will probably last longer than you will. Seagate produces a line of SCSI drives with formatted capacities ranging from 20 to 60+ megabytes. These are SCSI-embedded, which means no other interface will be necessary.

Next, you will need a power supply and housing for the drive. As power supply goes, it is a good rule of thumb to have at least double the capacity needed to power just one drive. This will accomodate a second drive, if you so desire, down the road. It is also a good idea if the housing has a built-in fan for heat dissipation from the power supply. It should also come with the necessary mounting hardware (rails) for the hard drive and rubber feet, to lessen noise from the housing. You will find many suppliers which carry a hobbyist type of housing. I suggest not using this, it is far better to have one designed specifically for use with computer hard drives. They will have pre-drilled holes for mounting screws and provision for fan and all cabling outlets.

Next are the cables that you need to connect everything to make it work properly. Internally, in the housing, a standard 50-pin SCSI ribbon cable will accomodate the drive nicely. One end fits on the drive and the other gets fastened to the back of the housing. Then a cable from the drive connection to the SCSI card and the connections are complete.

Oh yes, don't forget the power connection to the drive, that should be included with the power supply.

Next, connect everything together carefully, without putting the top on the housing, and power up. If everything has gone right, you won't have any problems. If you see smoke, you just blew your investment. Just remember, when it comes to servicing what you've just created, look in the mirror, and you will see the person who will do it!

Now to the serious part. You will have to do what is call a "low level format". All hard drives have this done before they will accept any operating system and further formatting and usage. HD Format and SCSI Hacker are public domain programs which will accomplish this for you. If you are doing all this for a IIGS, try to get DiskTimer GS, which will allow you to set the interleave factor for optimum performance. If the drive is larger than the 32 megabytes maximum that ProDOS allows, then you must partition the disk with the SCSI HD Partitioning utility on the Apple II SCSI Card Utilities disk. On a II GS, use the Partition feature of the GS/OS Advanced Disk Utility. After that, you can go ahead and format with your operating system and you are now off and running.

If you shop around and be choosy, you should be able to do the whole setup for about $700 for 60 megabytes of storage. The whole exercise boils down to the cost per megabyte. If you went with a standard Apple Hard Disk 40SC, you'll face a suggested retail price of over $1500.

Just a personal note of caution about this whole thing. I don't recommend doing this unless you can afford the possiblity of losing your money. It should work, but if you are not careful, the worst could happen.

# SIG NOTES

All meetings begin at 7:30 p.m. unless noted otherwise.

**SJAUG Executive Board Meeting:**
June 9, 1989 – Friday
DeCuzzis – 428-0621

**Main Meeting:**
June 16, 1989 – Friday
Voorhees Community Center

**II GS SIG:**
June 21, 1989 – Wednesday
Bob Bobik – 778-2105

**Beginner's MAC SIG:**
June 22, 1989 – Thursday
Ed Gaugler – 424-5547

**Classic Apple SIG:**
June 22, 1989 – Thursday
Rowena Billos – 235-1560

**New Appleworks SIG:**
Still in its formative stage
Call Bev Darkatsh – 365-5821,
Monday through Friday, for
further information.

**COMING IN JULY:**

**Main Meeting – July 21, 1989**
Topic: **Repairworks** from
Quality Computers
Speaker: Bruce Shanker
(Editor's Note: Don't miss
this one! It really does
work!)

**Executive Board Meeting:**
July 14, 1989

The coupon below may qualify you for a free subscription to **II at Work**, a free newspaper designed for people who use Apple computers at work. It was provided to us by Mike Perloff who brought back a sample issue from his trip to Applefest in Boston.

# CLASSIFIED ADS

Your new **Candy Apple** editor would like to reinstate a column which used to be an active part of the newsletter. All current members may contribute ads for **computer related items** which you would like to sell or trade. You may send them via the BBS or U.S. mail- Wanda Bullion, 4 Constitution Blvd., Berlin, NJ 08009

Your editor will start this off with the following items:

item: **pfs: file/report** Educational Edition (ProDos
   version)
For: Apple IIe (128K), IIc, IIGS
Features: 2- 5 1/4 disks, 2 manuals, warranty card included
   box was opened but program never used. $10.00
-----------------------------------------------------

Item: **Microzine – #28**
For: Apple II Plus, IIe, IIc, IIGS; 64K(teacher's edition)
Features: Brand new-never opened. Contents: Stationery
   Maker, Quest for the Pole, Sound Lab, African Animals.
   $10.00
-----------------------------------------------------
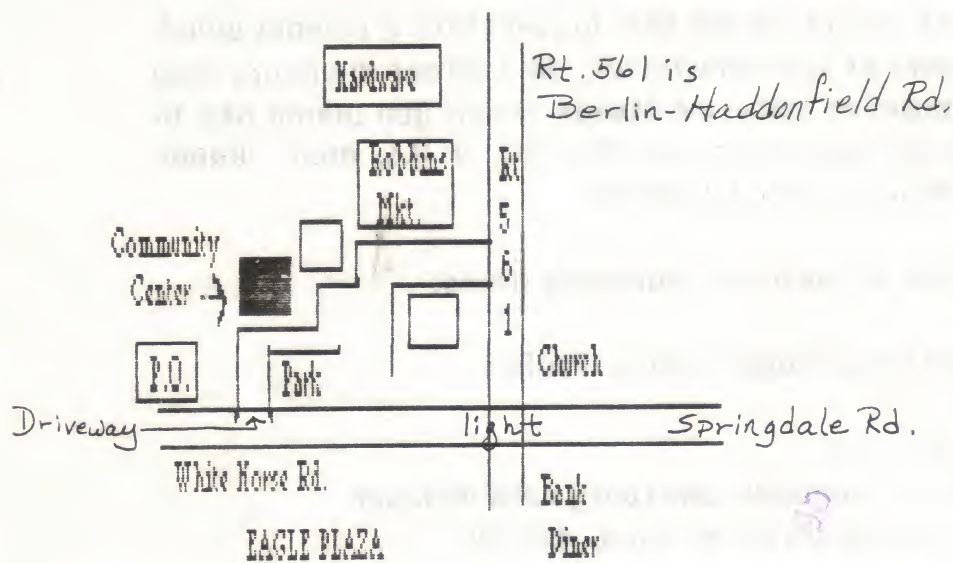
Item: **Microzine, Jr. – #4**
For: Apple II Plus, IIe, IIc, IIGS; 64K(teacher's edition)
Features: Brand new-never opened. Contents: Jigsaw Puzzler,
   ZooStorm, Math Ani-Mall, The Mixed-up Kitchen. $10.00
-----------------------------------------------------

If you are interested in any of the above, call me after 6 p.m. at 767-4913. I will bring them to the main meeting next Friday.
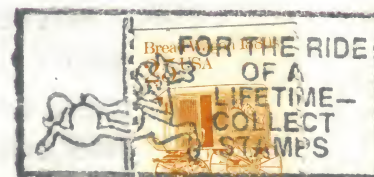
And don't forget – if you are a member and have computer items to sell, send in your classifieds!

**Deadline for the Candy Apple July issue is July 7th.**

Rt. 561 is
Berlin-Haddonfield Rd.

| Hardware |
| Robbins Mkt. |

Community Center →

Rt. 561

Church

P.O.

Park

Driveway ← light Springdale Rd.

White Horse Rd.

Bank

EAGLE PLAZA

Diner

~ MAP TO MAIN MEETING ~

**Candy Apple**
The Newsletter of the South Jersey
Apple Users Group
P.O. Box 4273
Cherry Hill, NJ 08003

SOUTH JERSEY, NJ 080
PM
10 JUN
1989

Break FOR THE RIDE
USA OF A
LIFETIME—
COLLECT
STAMPS

**DATED MATERIAL**

RYAN MAC MICHAEL          Feb 90